

Serial No.: 10/023-14
Art Unit: 1617

- 3 -

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 to 5 (Cancelled).

6 (Previously presented) A tablet formulation according to Claim 16 wherein the core and the casing layer both comprise a compacted mixture of components.

7 (Previously presented). A tablet formulation according to Claim 16 wherein the release retarding coating is an enteric polymer .

8 (Previously presented). A tablet formulation according to Claim 16 further comprising one or more sub-coats beneath the release retarding coating layer.

9 (Previously presented). A tablet formulation according to Claim 16 further comprising one or more over-coats above the release retarding coating layer.

10 to 15 (Cancelled).

16 (Currently amended). A tablet formulation for oral administration comprising amoxycillin and clavulanate in a ratio of 30:1 to 1:1 in which a portion of the amoxycillin and all of the clavulanate is in a central core which is surrounded by a release-retarding coating layer and the remainder of the amoxicillin is in a casing layer surrounding the core, such that there is an initial quick release of amoxycillin and clavulanate from the casing layer and a sustained release of amoxycillin and ~~clavulanate~~ from the core.

17 (Previously presented). A tablet formulation according to Claim 16 for oral administration twice a day.

18 (Previously presented). A method of treating a bacterial infection in a patient in need thereof, which method comprises administering to said patient an effective amount of a formulation according to Claim 16.

Serial No.: 10/023,4

Art Unit: 1617

- 4 -

- 19 (Previously presented). A tablet according to claim 7 wherein the enteric polymer is cellulose acetate phthalate, cellulose acetate succinate, methylcellulose phthalate, ethylhydroxycellulose phthalate, polyvinylacetatephthalate, polyvinylbutyrate acetate, vinyl acetate-maleic anhydride copolymer, styrene-maleic mono-ester copolymer, methyl acrylate-methacrylic acid copolymer, or methacrylate-methacrylic acid-octyl acrylate copolymer, or a mixture thereof.
- 20 (Previously presented). A tablet according to claim 19 wherein the enteric polymer coating is a methacrylic acid - methacrylate copolymer.
- 21 (Previously presented). A tablet according to Claim 7 wherein the enteric polymer further comprises a plasticiser.
- 22 (Previously presented). A tablet according to Claim 7 wherein the enteric polymer further comprises an anti-foaming agent.
- 23 (Previously presented). A tablet according to Claim 7 wherein the enteric polymer further comprises an anti-tack agent.
- 24 (Previously presented). A tablet according to Claim 16 wherein the amoxicillin is amoxicillin trihydrate.
- 25 (Previously presented). A tablet according to Claim 16 wherein the clavulanate is potassium clavulanate.
- 26 (Previously presented). A tablet according to Claim 8 wherein the sub-coat is hydroxypropylmethylcellulose.
- 27 (Previously presented). A tablet according to Claim 9 wherein the over-coat is hydroxypropylmethylcellulose, or a co-polymer of methacrylic acid and methyl methacrylate.
- 28 (Previously presented). A tablet according to Claim 16 wherein the casing layer is coated with a top coat.
- 29 (Previously presented). A tablet according to Claim 28 wherein the top coat is hydroxypropylmethylcellulose.

Serial No.: 10/023,44
Art Unit: 1617

- 5 -

- 30 (Previously presented). A tablet formulation according to Claim 16 wherein the total weight of amoxycillin is from 25 to 75% in the central core.
- 31 (Previously presented). A tablet formulation according to Claim 16 wherein the total weight of amoxycillin is from 50 to 75% in the central core.
- 32 (Previously presented). A tablet formulation according to Claim 16 wherein the total weight of amoxycillin is from 75 to 25% in the casing layer.
- 33 (Previously presented). A tablet formulation according to Claim 16 wherein the total weight of amoxycillin is from 50 to 25% in the casing layer.
- 34 (Currently amended). A tablet formulation for oral administration comprising amoxycillin and clavulanate in a ratio of 30:1 to 1:1 in which a portion of the amoxycillin and all of the clavulanate is in a central core which is surrounded by a release-retarding coating layer and the remainder of the amoxycillin is in a casing layer surrounding the core, such that there is an initial quick release of amoxycillin and clavulanate from the casing layer and a delayed release of amoxycillin and ~~clavulanate~~ from the core.
- 35 (Previously presented). A tablet formulation according to Claim 34 wherein the total weight of amoxycillin is from 25 to 75% in the central core.
- 36 (Previously presented). A tablet formulation according to Claim 34 wherein the total weight of amoxycillin is from 50 to 75% in the central core.
- 37 (Previously presented). A tablet formulation according to Claim 34 wherein the total weight of amoxycillin is from 75 to 25% in the casing layer.
- 38 (Previously presented). A tablet formulation according to Claim 34 wherein the total weight of amoxycillin is from 50 to 25% in the casing layer.
- 39 (Previously presented). A tablet formulation according to Claim 34 wherein the release retarding coating is an enteric polymer.
- 40 (Previously presented). A tablet formulation according to Claim 39 further comprising one or more sub-coats beneath the release retarding coating layer.

Serial No.: 10/023,014

Art Unit: 1617

- 6 -

- 41 (Previously presented) A tablet according to Claim 40 wherein the sub-coat is hydroxypropylmethylcellulose.
- 42 (Previously presented). A tablet formulation according to Claim 34 further comprising one or more over-coats above the release retarding coating layer.
- 43 (Previously presented). A tablet according to Claim 42 wherein the over-coat is hydroxypropylmethylcellulose, or a co-polymer of methacrylic acid and methyl methacrylate.
- 44 (Previously presented). A tablet according to Claim 34 wherein the casing layer is coated with a top coat.
- 45 (Previously presented). A tablet according to Claim 44 wherein the top coat is hydroxypropylmethylcellulose.
- 46 (Previously presented). A tablet according to Claim 45 wherein the enteric polymer is cellulose acetate phthalate, cellulose acetate succinate, methylcellulose phthalate, ethylhydroxycellulose phthalate, polyvinylacetatephthalate, polyvinylbutyrate acetate, vinyl acetate-maleic anhydride copolymer, styrene-maleic mono-ester copolymer, methyl acrylate-methacrylic acid copolymer, or methacrylate-methacrylic acid-octyl acrylate copolymer, or a mixture thereof.
- 47 (Previously presented). A tablet according to claim 46 wherein the enteric polymer is a methacrylic acid - methacrylate copolymer.
- 48 (Previously presented). A tablet according to claim 39 wherein the enteric polymer further comprises a plasticiser.
- 49 (Previously presented). A tablet according to claim 39 wherein the enteric polymer further comprises an anti-foaming agent.
- 50 (Previously presented). A tablet according to Claim 39 wherein the enteric polymer further comprises an anti-tack agent.
- 51 (Previously presented). A tablet according to Claim 34 wherein the amoxycillin is amoxycillin trihydrate.

Serial No.: 10/023,614
Art Unit: 1617

- 7 -

52 (Previously presented).
clavulanate is potassium clavulanate.

A tablet according to Claim 34 wherein the

53 (Previously presented).
administration twice daily.

A tablet formulation according to Claim 34 for oral

54 (Previously presented).
in need thereof, which method comprises administering to said patient an effective amount
of a formulation according to Claim 34.

A method of treating a bacterial infection in a patient